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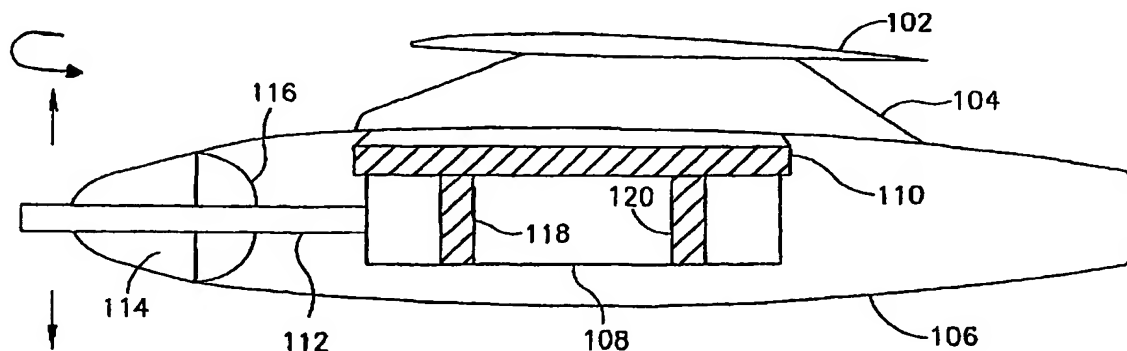
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- (71) Applicant and
(72) Inventor: PADAN, Nir [IL/IL]; Moshav Sade Yitzhak,
38840 Moshav Sade Yitzhak (IL).
- (74) Agents: AGMON, Jonathan et al.; Soroker-Agmon, Ad-
vocates and Patent Attorneys, Nolton House, 14 Shenkar
Street, 46725 Herzliya Pituach (IL).
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(54) Title: REAL TIME DYNAMICALLY CONTROLLED ELEVATION AND AZIMUTH GUN POD MOUNTED ON A FIXED-WING AERIAL COMBAT VEHICLE



(57) Abstract: A gun pod, mounted on a fixed-wing aerial vehicle, stores, delivers, controls and supports a controllable movement gun unit. The gun pod includes a flexible gun mount, gun movement actuators, gun movement controllers, a standalone range finder, a standalone processor, and standalone sensors for capturing dynamically environmental data and for controlling the movement of the gun unit. The gun is provided with allowable ranges of movement in the elevation and the azimuth where the ranges are determined in accordance with the flight envelope of the aerial vehicle, the characteristics of the gun unit and the mounting location of the gun pod. The movement of the gun is either controlled manually or automatically.